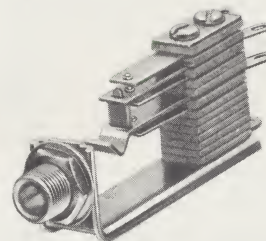
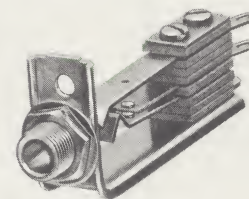


ENGINEERING*bulletin*

May 17, 1963

Reference Catalog

J-101 Page 6

**LIGHTER
SHORTER
NARROWER****35****R-33B****SERIES
30****SWITCHCRAFT'S IMPROVED "LF-JAX" PHONE JACKS**

Switchcraft's retooled "LF-JAX" Series 30, phone jacks offer many important features and refinements.

1. The "LF-JAX" is SHORTER -

- . Requires less depth behind your control panel.

2. The "LF-JAX" is LIGHTER -

- . Reduces the overall weight of your mounting panel.

3. The "LF-JAX" is NARROWER -

- . New narrow channeled steel frame provides maximum rigidity and strength.

4. The "LF-JAX" is now available in 2 frame styles -

- . A new alternate frame with a non-turn provision is now available in addition to the standard frame style. To specify the non-turn provision, simply prefix part number with the letter "R". See drawing on Page 2 of this bulletin.

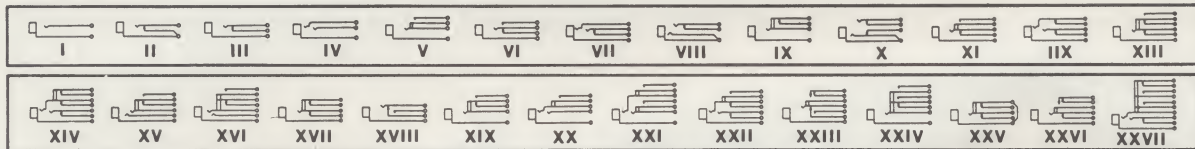
Furthermore, the retooled "LF-JAX" now provides a ground lug that is an integral part of the frame.

This new ground lug offers a more positive ground.

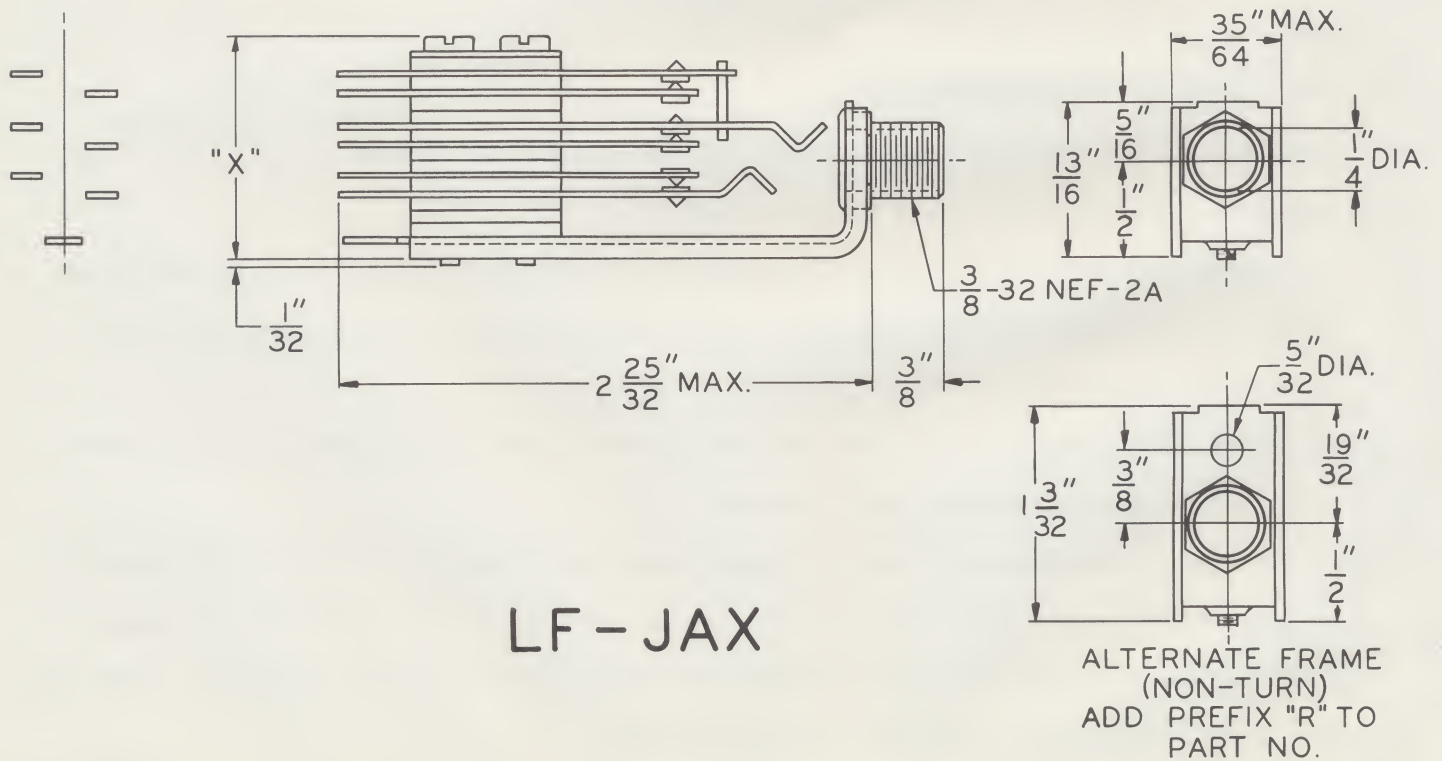
All of the above listed improvements are in addition to the quality features of the "LF-JAX" as outlined in Switchcraft Catalog No. J-101, Page 6. If you are now using the old style "LF-JAX", we suggest you request a sample of the new, improved design for your engineering department's evaluation. This will enable you to specify the new "LF-JAX" on your next order.

LF-JAX

PART NO.	SCHEMATIC NO.	CONDUCTORS	DIM. "X" (MAX.)
31	I	2	17/32"
32	II	2	5/8"
32A	III	2	5/8"
32B	IV	3	13/16"
33	V	2	1-1/16"
33A	VI	2	5/8"
33B	VII	3	27/32"
33C	VIII	3	27/32"
33E	IX	2	1-1/16"
34	X	3	7/8"
34A	XI	2	1-1/16"
34B	XII	3	7/8"
35	XIII	2	1-3/16"
36	XIV	3	1-1/8"



The above are strictly electrical schematics and do not necessarily indicate relative solder lug positions.



NEW PRODUCT

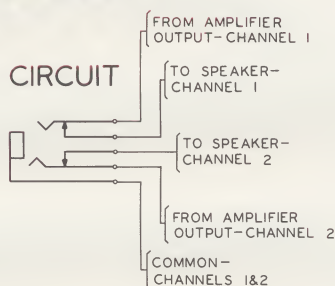
bulletin

May 17, 1963

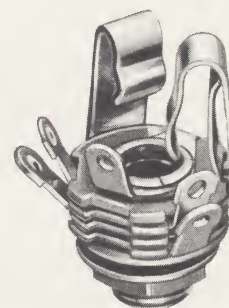
NEW

STEREO LITTEL-JAX

TYPICAL JACK CIRCUIT



Part No. 14B



A new three conductor "Littel-Jax" specially designed for switching-out speakers when connecting stereo headphones and for switching three-wire stereo input circuits. Dual, normally-closed switch contacts, open both stereo circuits independently when a three conductor plug is inserted.

DESCRIPTION	SCHEMATIC CIRCUIT	U.S.A. LIST PRICE	PART NUMBER
Three conductor, double closed circuit phone jack.		\$0.95	14B

Packed 10 Per Standard Package

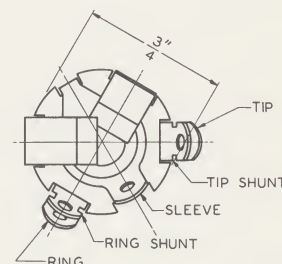
"Stereo Littell-Jax", 14B, mates with standard Switchcraft three conductor "Littel-Plugs", such as: Part No's. 260, 267, 269, and 297.

This new stereo jack is recommended for innumerable stereo applications, such as record players, FM-AM Multi-plex tuners, sound recording equipment and tape recorders.

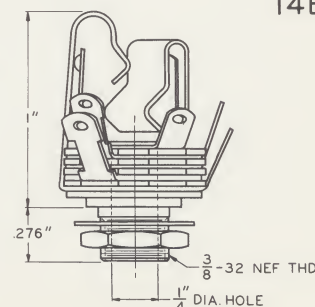
For other Switchcraft phone jacks, request Catalog No. J-101 from your local authorized Switchcraft distributor.

SPECIFICATIONS

Mounting Bushing:	Brass nickel plate. Mounts in single 3/8" dia. hole.
Insulation Springs:	Type XXP paper base phenolic. Special alloy of spring tempered nickel silver. Integral contacts are standard in the separate switching circuits.
Sleeve Terminal:	Brass, hot tinned.
Hardware:	Supplied with one brass, nickel plated locknut and on one steel nickel plated washer.



14B



ENGINEERING*bulletin*

August 20, 1963

Reference Catalog
M-701 Page 2**NEW COMPACT
MOLDED RIGHT-
ANGLE PHONE PLUGS
ACCEPT CABLE
DIAMETERS UP
TO .260"**TYPE
RA-202TYPE
RA-203

Now, "Molded Right Angle Phone Plugs" by Switchcraft are available to handle cable diameters ranging up to .260". These new molded right angle phone plugs Types RA-202, 203, 207 and 208 feature a one-piece tip rod which is soldered directly to the cable conductor.

DESIGN FEATURES

TYPE RA-202 - A two conductor phone plug designed with an attractive right angle plastic handle. Ideal for equipment where it is desired that the cable be brought out at right angles to the plug "finger". Long body extension makes the RA-202 suitable for use where equipment jack is recessed.

TYPE RA-203 - Similar to Type RA-202, except three conductor plug.

TYPE RA-207 - A two conductor phone plug, similar to Type RA-202, but featuring a short body extension. Ideal for use with panel mounted jacks.

TYPE RA-208 - Similar to Type RA-207, except three conductor plug.

MOLDED CABLE ASSEMBLIES

Special molded cable assemblies are designed and manufactured to the requirements of the original equipment manufacturer. Available with terminations of another right angle phone plug, straight phone plug, extension jack, phono plug, spade lugs, alligator clips, etc. Attachments and cable supplied to your specifications. See next Page for complete Plug and Cable specifications

SPECIFICATIONS

PLUG -

SLEEVE AND TIP - H. H. Brass, Nickel Plated

INSULATION - Paper base phenolic

MOLDED HANDLE - Plastic

STANDARD COLORS - Grey, White, Black, Brown. Other colors to match your cable or equipment available on special order.

CABLE -

FOR 2-CONDUCTOR PLUGS

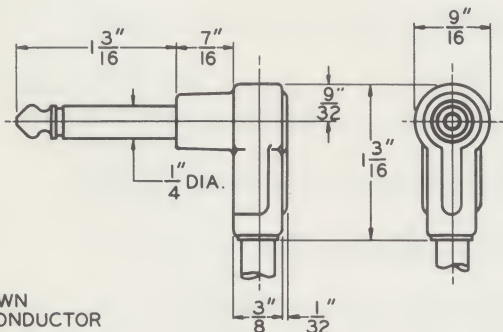
Standard Shielded Cable - Type W-1000, a grey plastic jacket over the shield with a #22 Ga. stranded center conductor; $5/32''$ O.D. Average capacity 31 mmfd. per foot.

Standard Parallel Cable (lamp cord) - Type W-1033, a grey colored unshielded tandem cable with two #20 Ga. stranded conductors (commercial type XT).

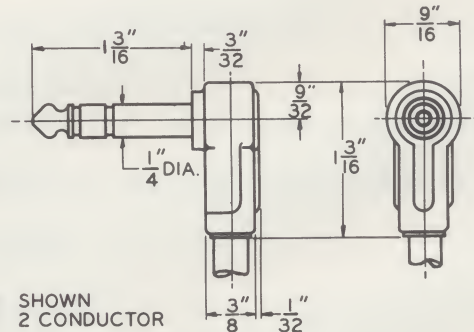
FOR 3-CONDUCTOR PLUGS

Standard Shielded Cable - Type W-1021, a gray plastic jacket over shield with two #22 Ga. conductors; $13/64''$ O.D. Average capacity 20 mmfd. per foot between conductors; 55 mmfd. per foot between shorted conductors to shield; 32 mmfd. per foot each conductor to shield.

SPECIAL CABLE - We will build assemblies on cable .260 diameter max. furnished by you or on cable we purchase to your specifications. Jacket must have a temperature rating of 60° C minimum.



RA 202 SHOWN
RA 203 3 CONDUCTOR



RA 208 SHOWN
RA 207 2 CONDUCTOR